NEHRU COLLEGE
OF ENGINEERING & RESEARCH CENTRE
NAAC ACCREDITED | ISO 9001:2015 CERTIFIED INSTITUTION

20th ANNIVERSARY
NCERC

ABOUT COLLEGE

Nehru College of Engineering and Research Centre (NCERC) situated on the banks of river Nila is established in 2002 by the founder chairman, Late. Sri P.K Das. It is an ISO 9001:2015 certified institution, approved by the All India Council for Technical Education (AICTE) affiliated to A P J Abdul Kalam Technological University (KTU), and is accredited by National Assessment And Accreditation Council (NAAC), by A grade. NCERC is celebrating its 20 years of existence with various technical and cultural events. Along with undergraduate programs in engineering and postgraduate programs in Computer Science And Engineering, Cyber Security, VLSI and Energy systems,the institution provides postgraduate programs in Master of Computer Applications and Master of Business Administration. All the departments are headed by highly qualified experienced, and committed faculty who are highly professional. NCERC regularly organizes international and national conferences, seminars, lectures, workshops, technical exhibitions, co-curricular and extra-curricular activities to enlighten the minds of the student fraternity. It is equipped with excellent infrastructures and laboratories including an IOT lab sponsored by the National Science & Technology Entrepreneurship Development Board (NSTEDB), New Delhi and Entrepreneurship Development Institution of India. NCERC aims holistic education system by providing IIC, IEDC, NCC, NSS, CSR activities and Nehru Vigyan Scholarship for students.

Vision : To mould true citizens who are millennium leaders and catalysts of change through excellence in education.

Mission : NCERC is committed to transform itself into a center of excellence in learning and research in engineering and Frontier Technology and to impart quality education to mould technically competent citizens with moral integrity, social commitment and ethical values.
We intend to facilitate our students to assimilate the latest technological know-how and to imbibe discipline, culture and spiritually, and to mould them in to technological giants, dedicated research scientists and intellectual leaders of the country who can spread the beams of light and happiness among the poor and the underprivileged.

ORGANIZING DEPARTMENTS

- COMPUTER SCIENCE AND ENGINEERING
- ELECTRONICS AND COMMUNICATION ENGINEERING
- ELECTRICAL AND ELECTRONICS ENGINEERING
- MECHANICAL ENGINEERING
- MECHATRONICS ENGINEERING
- MASTER OF COMPUTER APPLICATIONS

STREAM CONVENORS
Dr. Vineetha K R (MCA)
Mr.P. Rajkumar (ECE)
Mrs.Smita Unnikrishnan (CSE)
Mr.Maheswaran K (EEE)
Lt.Sanoj T (ME)
Mr.Renjith P N (MTR)

PAY ME

REGISTRATION

ONLINE TRANSACTION FOR REGISTRATION

Account Name	: Nehru College of Engineering and Reseach Centre
Account number	: 50100356277820
IFSC Code	: HDFC0001551
Bank	: HDFC Bank
Branch	: Thiruvilwamala, Kerala

Registration Fee *	Delegates	Indian	Foreign
	Author from Academia	₹1250	$20
	Author from industry	₹2500	$40
	Attendee/ Research scholar/ student	₹750	$10
	Publication charge	Will be communicated on selection	

*Inclusive of Conference Kit and Half Day Tour.
*Concession is provided to SC/ST students on providing proof.

IMPORTANT DATES

Conference Date	:	May 25-27, 2023
Submission of abstract	:	10/04/2023
Acceptance of abstract	:	20/04/2023
Notification of Final selection	:	30/04/2023
Submission of Camera-ready	:	10/05/2023

For further details, visit our website :
http://ncerc.ac.in/icetssi

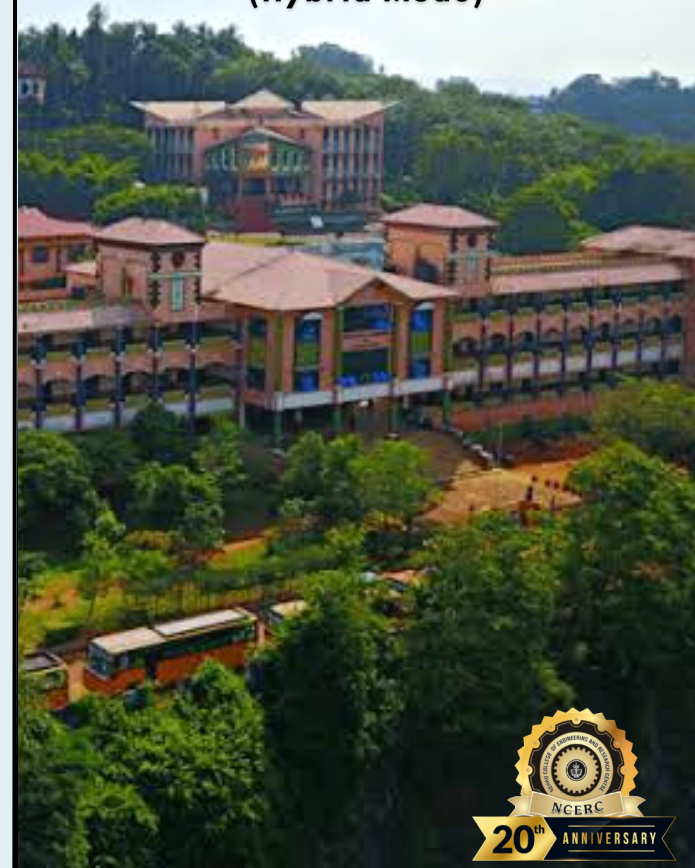|		
Mr.Maheswaran K (EEE)	:	9944113271
Lt.Sanoj T (ME)	:	9746760742
Mr.Renjith P N (MTR)	:	8907267799

DESIGNED BY:ABHINAV BABU & DAZZAL DAVID

NEHRU GROUP
OF INSTITUTIONS
TAMILNADU • KERALA
Moulding True Citizens
ISO 14001-2004 CERTIFIED INSTITUTIONS

AICTE

AICTE Sponsored
INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN SIGNALS, SYSTEMS & INFORMATION
(ICETSSI - 2023)

May 25-27 (2023)
(Hybrid Mode)

20th ANNIVERSARY
NCERC

NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE

NILA GARDENS, PAMPADY, THIRUVILWAMALA,
THRISSUR, KERALA, INDIA – 680 588

ABOUT NGI

Nehru Group of Institutions (NGI) with its humble beginning in 1968 at Kuniamuthur, Coimbatore, Tamil Nadu was established by the Founder Chairman Late Shri P.K.Das with the objective of providing higher education in the field of Aeronautical Engineering. NGI progressively flourished and started offering undergraduate (UG), postgraduate (PG), and doctorate (Ph.D.) programs in all major Engineering branches, Management, Medical Sciences, Architecture, Law, Arts and Science, Paramedical Sciences, and Hospitality management. NGI also started offering preschool education to kids, with the establishment of an International School. Currently, the Nehru Group of Institutions operates through its 20+ state-of-the-art institutions in the states of Kerala and Tamil Nadu.

Individual colleges are given below :

1. Nehru Academy of Law
2. Nehru Arts and Science College
3. Nehru College of Aeronautics & Applied Sciences
4. Nehru College of Architecture
5. Nehru College of Engineering and Research Centre
6. Nehru College of Management
7. Nehru College of Nursing
8. Nehru College of Nursing and Research Institute
9. Nehru College of Pharmacy
10. Nehru College of Physiotherapy
11. Nehru Institute of Design
12. Nehru Institute of Engineering and Technology
13. Nehru Institute of Health Sciences
14. Nehru Institute of Information Technology and Management
15. Nehru Institute of Technology
16. Nehru International School
17. Nehru School of Architecture
18. Nehru Kids Academy
19. PK Das Institute of Medical Sciences
20. Nehru Technical Training College
21. Jawaharlal Aviation Institute
22. Jawaharlal College of Engineering & Technology

ABOUT CONFERENCE

ICETSSI 2023 is the third in the series of the annual international conferences organized under the aegis of NGI. The conference aims at bringing together researchers, academicians, industry experts and students working in various aspects of signals, systems and information. There will be keynote lectures by the leading experts. In addition, this gathering will help the delegates to establish research and business relations as well as to find international linkage for future collaborations in their career path. ICETSSI outcome will lead to significant contributions to the knowledge base, and innovative concepts in their specialized areas. The deliberations at the conference will be in terms of paper presentations for each topic. Accepted papers of the conference will be published in the conference proceedings.

SCOPE OF THE CONFERENCE

The conference will cover following broad areas, but not limited to:

CSE/MCA : Machine Learning/Deep Learning, AI & VR, Data Science & Data Analytics, Cyber Forensic, Data Mining, Data Warehousing, Cloud Computing, NLP, Information & Security, Image Processing, Computer Vision, IOT, Cyber Security.

ECE: VLSI and Embedded Systems, Communication Engineering, Image and Signal Processing, Digital and Medical Electronics, Fiber Optics, Radar, Microwave Engineering, and Biomedical Engineering, Wireless Sensor Network, Mobile Communication, Nano Electronics, Electro Magnetism.

EEE: Smart Grid and Renewable Energy, Electric and Hybrid Electric Vehicles, Microgrid and Distributed Generations, Energy Storage Technologies, Nano Electricals, FACTS Controllers and its Applications

Mechanical: Mechanical Design, Metallurgy and Material Science, Nano Materials, Mechanics of Solids and Fluids, Manufacturing Technology, and Energy Conversion, Electric/Hybrid Vehicles.

Mechatronics: Robotics and Automation, Mechanisms and Machines for Rural, Agricultural and Industrial Applications, Mechatronics and Micro Mechanisms, Drone Technologies, Remote sensing.

CALL for Paper

Prospective authors are invited to submit abstracts and full papers with maximum paper length of 5 pages to the Email : paper.icetssi@ncerc.ac.in, praveen@ncerc.ac.in

Conference paper should be prepared in two column IEEE standard conference format and the template available in website.

Accepted papers will be published in conference proceedings. Selected papers will be published in peer-reviewed Journals/Books Chapter.

BEST PAPER AWARDS will be given to the best candidate for his/her best paper.

HALF DAY TOUR will be conducted for all the participants

ADVISORY COMMITTEE

- **Prof.Dr.Rajendra Kumar Anayath,**
  Vice Chancellor, D-CRUST, Haryana.
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  Dept of Computational Biology and Bioinformatics, University of Kerala, Tiruvanathapuram.
- **Dr T RubanDevaprakash,**
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Chairman , NGI
2. Dr. P Krishnakumar
CEO & Secretary, NGI

PATRON : 1. Prof Dr. Karibasappa K
Principal, NCERC
2. Prof.Dr. Ambikadevi Amma T
Dean SA, NCERC

CONFERENCE CHAIR : Dr. Girish Chandran V
HoD, ME

CONVENER : Dr. Sudheer S Marar,
HoD, MCA

CO-CONVENER : Dr. Bobby N D
HoD, MTR

TECHNICAL COMMITTEE

Dr. Sivakumar K
Dr. Jojo George
Dr. Sobha Manakkal
Dr. Jelaja K
Mrs. Sajitha
Dr. Praveen H
Mr.Sundara Moorthi

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